

June 19, 2015

Mr. Brian Lyle
Wrightsville Borough
P.O. BOX 187
Wrightsville, PA 17368

Certificate of Analysis

Project Name:	Routine Sample Submissions	Workorder:	2076758
Purchase Order:		Workorder ID:	Raw Water

Dear Mr. Lyle:

Enclosed are the analytical results for samples received by the laboratory on Saturday, June 13, 2015.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Mrs. Kelli L Wolfgang (Project Coordinator) at (717) 944-5541.

Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads.

This laboratory report may not be reproduced, except in full, without the written approval of ALS Environmental.

ALS Spring City: 10 Riverside Drive, Spring City, PA 19475 610-948-4903

This page is included as part of the Analytical Report and must be retained as a permanent record thereof.

Mrs. Kelli L Wolfgang
Project Coordinator

ALS Environmental Laboratory Locations Across North America

Canada: Burlington · Calgary · Centre of Excellence · Edmonton · Fort McMurray · Fort St. John · Grande Prairie · London · Mississauga · Richmond Hill · Saskatoon · Thunder Bay
Vancouver Waterloo · Winnipeg · Yellowknife **United States:** Cincinnati · Everett · Fort Collins · Holland · Houston · Middletown · Salt Lake City · Spring City · York **Mexico:** Monterrey

SAMPLE SUMMARY

Workorder: 2076758 Raw Water

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
2076758001	Raw Water	Drinking Water	6/13/2015 04:00	6/13/2015 08:10	Collected by Client
2076758002	Raw Water	Drinking Water	6/13/2015 04:00	6/13/2015 08:10	Collected by Client
2076758003	Raw Water	Drinking Water	6/13/2015 04:00	6/13/2015 08:10	Collected by Client

Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are performed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".

Standard Acronyms/Flags

J	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference
LOD	DoD Limit of Detection
LOQ	DoD Limit of Quantitation
DL	DoD Detection Limit
I	Indicates reported value is greater than or equal to the Method Detection Limit (MDL) but less than the Report Detection Limit (RDL)

ALS Environmental Laboratory Locations Across North America

Canada: Burlington · Calgary · Centre of Excellence · Edmonton · Fort McMurray · Fort St. John · Grande Prairie · London · Mississauga · Richmond Hill · Saskatoon · Thunder Bay
Vancouver Waterloo · Winnipeg · Yellowknife **United States:** Cincinnati · Everett · Fort Collins · Holland · Houston · Middletown · Salt Lake City · Spring City · York **Mexico:** Monterrey

ANALYTICAL RESULTS

Workorder: 2076758 Raw Water

Lab ID: **2076758001**

Date Collected: 6/13/2015 04:00

Matrix: Drinking Water

Sample ID: **Raw Water**

Date Received: 6/13/2015 08:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
WET CHEMISTRY									
Cyanide, Total	ND		mg/L	0.0050	EPA 335.4	6/18/15 SYB	6/19/15 10:19	SYB	C
Fluoride	ND		mg/L	0.10	EPA 300.0		6/13/15 17:30	SSL	B
METALS									
Antimony, Total	ND		mg/L	0.0010	EPA 200.8	6/16/15 JPS	6/17/15 04:02	ZMC	A1
Arsenic, Total	ND		mg/L	0.0015	EPA 200.8	6/16/15 JPS	6/17/15 04:02	ZMC	A1
Barium, Total	0.042		mg/L	0.0025	EPA 200.8	6/16/15 JPS	6/17/15 04:02	ZMC	A1
Beryllium, Total	ND		mg/L	0.00050	EPA 200.8	6/16/15 JPS	6/17/15 04:02	ZMC	A1
Cadmium, Total	ND		mg/L	0.00050	EPA 200.8	6/16/15 JPS	6/17/15 04:02	ZMC	A1
Chromium, Total	ND		mg/L	0.0010	EPA 200.8	6/16/15 JPS	6/17/15 04:02	ZMC	A1
Mercury, Total	ND		mg/L	0.00010	EPA 200.8	6/16/15 JPS	6/17/15 04:02	ZMC	A1
Nickel, Total	ND		mg/L	0.0025	EPA 200.8	6/16/15 JPS	6/17/15 04:02	ZMC	A1
Selenium, Total	ND		mg/L	0.0020	EPA 200.8	6/16/15 JPS	6/17/15 04:02	ZMC	A1
Thallium, Total	ND		mg/L	0.00050	EPA 200.8	6/16/15 JPS	6/17/15 04:02	ZMC	A1



Mrs. Kelli L Wolfgang
Project Coordinator

ALS Environmental Laboratory Locations Across North America

Canada: Burlington · Calgary · Centre of Excellence · Edmonton · Fort McMurray · Fort St. John · Grande Prairie · London · Mississauga · Richmond Hill · Saskatoon · Thunder Bay
Vancouver Waterloo · Winnipeg · Yellowknife **United States:** Cincinnati · Everett · Fort Collins · Holland · Houston · Middletown · Salt Lake City · Spring City · York **Mexico:** Monterrey

**ANALYTICAL RESULTS**

Workorder: 2076758 Raw Water

Lab ID: **2076758002**

Date Collected: 6/13/2015 04:00

Matrix: Drinking Water

Sample ID: **Raw Water**

Date Received: 6/13/2015 08:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
------------	---------	------	-------	-----	--------	-------------	----------	----	------

WET CHEMISTRY

Total Organic Carbon (TOC)	3.7		mg/L	1.0	S5310B-00		6/15/15 11:37	PAG	A
----------------------------	-----	--	------	-----	-----------	--	---------------	-----	---

*Kelli Wolfgang*Mrs. Kelli L Wolfgang
Project Coordinator**ALS Environmental Laboratory Locations Across North America****Canada:** Burlington · Calgary · Centre of Excellence · Edmonton · Fort McMurray · Fort St. John · Grande Prairie · London · Mississauga · Richmond Hill · Saskatoon · Thunder Bay
Vancouver Waterloo · Winnipeg · Yellowknife **United States:** Cincinnati · Everett · Fort Collins · Holland · Houston · Middletown · Salt Lake City · Spring City · York **Mexico:** Monterrey

**ANALYTICAL RESULTS**

Workorder: 2076758 Raw Water

Lab ID: **2076758003**

Date Collected: 6/13/2015 04:00

Matrix: Drinking Water

Sample ID: **Raw Water**

Date Received: 6/13/2015 08:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
WET CHEMISTRY									
Nitrate-N	1.6		mg/L	0.10	EPA 300.0		6/13/15 17:30	SSL	A
Nitrite-N	ND		mg/L	0.10	EPA 300.0		6/13/15 17:30	SSL	A

Mrs. Kelli L Wolfgang

Project Coordinator

ALS Environmental Laboratory Locations Across North America**Canada:** Burlington · Calgary · Centre of Excellence · Edmonton · Fort McMurray · Fort St. John · Grande Prairie · London · Mississauga · Richmond Hill · Saskatoon · Thunder Bay
Vancouver Waterloo · Winnipeg · Yellowknife **United States:** Cincinnati · Everett · Fort Collins · Holland · Houston · Middletown · Salt Lake City · Spring City · York **Mexico:** Monterrey



34 Dogwood Lane
Middletown, PA 17057
P. 717-944-5541
F. 717-944-1430

CHAIN OF CUSTODY/
REQUEST FOR ANALYSIS

ALL SHADED AREAS MUST BE COMPLETED BY THE CLIENT.
SAMPLER INSTRUCTIONS ON THE BACK.

Page _____ of _____
 Courier: _____
 Tracking #: _____



* 2 0 7 6 7 5 8 *

Co. Name: Wrightsville Water						Phone: 577-9746					
Contact (Report to): Brian Lyle											
Address: 601 Water St Wightsville P.O., 17368											
Bill to (if different than Report to):						PO#:					
Project Name/ID:						ALS Quote #:					
TAT: <input type="checkbox"/> Normal-Standard TAT is 10-12 business days.						Date Required:					
<input checked="" type="checkbox"/> Rush-Subject to ALS approval and surcharges.						Approved By:					
Email? <input checked="" type="checkbox"/> <u>bklewimer@msn.com</u>											
Fax? <input type="checkbox"/>											
Sample Description/Location <small>(as it will appear on the lab report)</small>	COC Comments	Sample Date	Military Time	G or C	**Matrix	No ₂ , No ₃ , FI, PH	Metals	TOC	Cyanide	Enter Number of Containers Per Analysis	
1 Raw		6/13/15	0400			1					
2 Raw		6/13/15	0400			1					
3 Raw		6/13/15	0400			2					
4 Raw		6/13/15	0400			1					
5											
6											
7											
8											
SAMPLED BY (Please Print):						Project Comments: <u>KW</u>					
Relinquished By / Company Name		Date	Time	Received By / Company Name		Date	Time				
<u>[Signature]</u>		6/13/15	0800	<u>[Signature]</u>		6/13/15	0800				
1				2							
3				4							
5				6							
7				8							
9				10							

Matrix	Al:Air	DW:Drinking Water	GW:Groundwater	O:Oil	Q:Other Liquid	Sl:Sludge	SO:Soil	WP:Waste Water
* G-Grub, C-Composite								

***Cochrane Tube, AC Amber Glass, CG Clear Glass, PL Plastic, Container Size: 250ml, 500ml, 1L, 5oz, etc. Preservative: HCl, HNO₃, NaOH, etc.

Rev 01-2013

ALS

ED 001147 00000860-00006